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EASTERN AFRICAN BIRD RINGING REPORT 1977-1981

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This report covers the four ringing years between 1 July 1977 and 30 June 1981. The number of birds ringed in 1979-80 was the highest ever (25 738, see Table 2); the totals for the other three years were average.

The number of recoveries of 'Nairobi'-ringed birds was disappointingly low: only 27 showing a movement of over 100 km are listed in Table 3. The minute number reported in 1980 and 1981 is especially puzzling. An examination of the Marsh Warbler figures is interesting in this regard: between 1967 and 1978 7744 were ringed; so far these have generated 10 long-distance recoveries. However, the 9493 Marsh Warblers ringed between the autumn of 1978 and the spring of 1981 have resulted in none, although two foreign-ringed birds were controlled during this time (see Table 3).

Still not a single Whitethroat from eastern Africa has been recovered anywhere, even though over 16 000 have been ringed, but recovery rates for some other species, for example Great Snipe, Wood Sandpiper, Little Ringed Plover, Blackcap and Red-tailed Shrike, have been high.

Most ringing during the period has been done in Kenya, especially at Ngulia Safari Lodge in Tsavo National Park (West), around Nairobi and at Mida Creek on the coast. Very little has been done in Uganda but in Tanzania there has been a considerable ringing effort, mainly in forested areas by S.N. Stuart. The arrival of N. Baker at Dar es Salaam augurs well for the future.

In 1977 'Nairobi' rings were first used in the Sudan by G. Nikolaus and M. Raguschat; previously British Trust for Ornithology rings were used, mainly around Khartoum by A. Pettet; Prof. Pettet's totals are not included in Table 1 but will be given in the next report. The northward extension of the East African ringing scheme to the Sudan has resulted in an increase in the number of Palaearctic, and to a lesser extent Afrotropical, species ringed. At first most ringing was done in the south of the country but in 1980 work started along the Red Sea coastal strip during the southward migration and a further expedition to this area is planned for the 1981 autumn.

ACKNOWLEDGEMENTS

Ringers gratefully acknowledge the help given them by various people in granting permission to ring birds in certain areas, such as National Parks and private land. We are also grateful to the Administrative Director of the National Museums of Kenya for allowing the Museum's address to appear on rings. We are also most grateful to the Head Postmaster in Nairobi for forwarding a number of recovery letters to the Museum and to the Museum staff, especially to the Head of the Department of Ornithology, for further forwarding recovery letters and information to the Ringing Organizer.

A number of other people have been of tremendous help and I should like to thank especially Roger and Jan Chambers for everything they have done to assist ringers working at Ngulia Lodge. Special thanks too go to Bill Woodley, Warden of Tsavo National Park (West), for allowing ringing in the Park and for his support.

Finally, I should like to thank officers of certain foreign ringing schemes for their co-operation with recoveries, and Mr George Vamos for help with translations.

TABLE 1
Palearctic birds ringed in eastern Africa

| Species | Kenya, Tanzania and Uganda | | | | | Sudan | | | | Whole Scheme 60/81 | No. of recoveries over 100 km |
|---|----------------------------|------|-------|------|-------|-------|------|-------|------|--------------------|-------------------------------|
| | 1977/8 | 78/9 | 79/80 | 80/1 | 60/81 | 77/8 | 78/9 | 79/80 | 80/1 | | |
| <i>Ixobrychus minutus</i> Little Bittern | 0 | 0 | 2 | 1 | 6 | 0 | 0 | 0 | 0 | 6 | 0 |
| <i>Anas acuta</i> Pintail | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| <i>A. clypeata</i> Shoveler | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| <i>A. querquedula</i> Garganey | 0 | 0 | 22 | 0 | 2 | 0 | 3 | 27 | 3 | 27 | 0 |
| <i>Circus macrourus</i> Pallid Harrier | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| <i>Milvus migrans</i> Black Kite | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 0 |
| <i>Falco eleonorae</i> Eleonora's Falcon | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| <i>F. naumanni</i> Lesser Kestrel | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| <i>F. subbuteo</i> Hobby | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 |
| <i>Coturnix coturnix</i> Quail | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| <i>Crex crex</i> Corncrake | 0 | 5 | 1 | 0 | 6 | 0 | 0 | 0 | 0 | 6 | 0 |
| <i>Porzana porzana</i> Spotted Crane | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 4 | 0 |
| <i>Charadrius alexandrinus</i> Kentish Plover | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 37 | 38 | 0 |
| <i>C. asiaticus</i> Caspian Plover | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 0 |
| <i>C. dubius</i> Little Ringed Plover | 0 | 0 | 0 | 0 | 23 | 0 | 1 | 1 | 0 | 25 | 1* |
| <i>C. hiaticula</i> Ringed Plover | 0 | 2 | 5 | 2 | 194 | 0 | 1 | 0 | 12 | 207 | 1 |
| <i>C. leschenaultii</i> Great Sandplover | 6 | 45 | 40 | 45 | 154 | 0 | 0 | 0 | 34 | 188 | 0 |
| <i>C. mongolus</i> Mongolian Sandplover | 13 | 45 | 35 | 28 | 136 | 0 | 0 | 0 | 12 | 148 | 0 |
| <i>Pluvialis squatarola</i> Grey Plover | 1 | 50 | 70 | 38 | 165 | 0 | 0 | 1 | 1 | 167 | 0 |
| <i>Actitis hypoleucos</i> Common Sandpiper | 2 | 1 | 5 | 4 | 266 | 1 | 14 | 15 | 0 | 296 | 1* |
| <i>Numenius arquata</i> Curlew | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| <i>N. phaeopus</i> Whimbrel | 1 | 17 | 13 | 10 | 44 | 0 | 0 | 0 | 0 | 44 | 0 |

Palaeartic birds ringed in eastern Africa

| Species | Kenya, Tanzania and Uganda | | | | | Sudan | | | | Whole Scheme 60/81 | No. of recoveries over 100 km |
|---|----------------------------|------|-------|------|--------|-------|------|-------|-------|--------------------|-------------------------------|
| | 1977/8 | 78/9 | 79/80 | 80/8 | 60/81 | 77/8 | 78/9 | 79/80 | 80/81 | | |
| <i>Tringa erythropus</i> Spotted Redshank | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 3 | 0 |
| <i>T. glareola</i> Wood Sandpiper | 7 | 1 | 5 | 2 | 929 | 2 | 138 | 67 | 0 | 1136 | 6 |
| <i>T. nebularia</i> Greenshank | 1 | 24 | 8 | 6 | 212 | 0 | 4 | 6 | 10 | 222 | 0 |
| <i>T. ochropus</i> Green Sandpiper | 0 | 0 | 0 | 0 | 56 | 3 | 3 | 2 | 0 | 64 | 0 |
| <i>T. stagnatilis</i> Marsh Sandpiper | 4 | 24 | 8 | 4 | 1318 | 0 | 8 | 7 | 18 | 1336 | 4 |
| <i>T. totanus</i> Redshank | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 5 | 8 | 0 |
| <i>Xenus cinereus</i> Terek Sandpiper | 9 | 60 | 39 | 75 | 198 | 0 | 0 | 0 | 5 | 203 | 0 |
| <i>Gallinago gallinago</i> Common Snipe | 0 | 0 | 1 | 0 | 150 | 1 | 63 | 15 | 0 | 229 | 0 |
| <i>G. media</i> Great Snipe | 0 | 0 | 0 | 0 | 44 | 0 | 5 | 3 | 0 | 52 | 1 |
| <i>G. stenura</i> Pintail Snipe | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| <i>Lymnocyrtus minimus</i> Jack Snipe | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 21 | 0 |
| <i>Calidris alba</i> Sanderling | 0 | 6 | 6 | 2 | 25 | 0 | 0 | 0 | 0 | 25 | 0 |
| <i>C. alpina</i> Dunlin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 134 | 134 | 0 |
| <i>C. ferruginea</i> Curlew Sandpiper | 14 | 341 | 224 | 107 | 1993 | 0 | 29 | 12 | 51 | 2085 | 6 |
| <i>C. minuta</i> Little Stint | 71 | 823 | 565 | 284 | 12 379 | 0 | 119 | 37 | 274 | 12 809 | 8* |
| <i>C. subminuta</i> Long-toed Stint | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| <i>C. temminckii</i> Temminck's Stint | 0 | 0 | 0 | 0 | 41 | 1 | 9 | 0 | 0 | 51 | 0 |
| <i>Limicola falcinellus</i> Broad-billed Sandpiper | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| <i>Limosa lapponica</i> Bar-tailed Godwit | 0 | 2 | 2 | 3 | 8 | 0 | 0 | 0 | 0 | 8 | 0 |
| <i>L. limosa</i> Black-tailed Godwit | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| <i>Philomachus pugnax</i> Ruff | 42 | 184 | 140 | 17 | 6125 | 0 | 167 | 21 | 7 | 6320 | 20* |
| <i>Arenaria interpres</i> Turnstone | 0 | 0 | 1 | 0 | 8 | 0 | 0 | 2 | 2 | 12 | 0 |
| <i>Phalaropus lobatus</i> Red-necked Phalarope | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 4 | 0 |
| <i>Glareola pratincola</i> Common Pratincole | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 0 |
| <i>Larus ridibundus</i> Black-headed Gull | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| <i>Chlidonias leucopterus</i> White-winged Black Tern | 0 | 1 | 0 | 0 | 257 | 0 | 6 | 2 | 0 | 265 | 0 |
| <i>C. niger</i> Black Tern | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 0 |

Palearctic birds ringed in eastern Africa

| Species | Kenya, Tanzania and Uganda | | | | | Sudan | | | | Whole Scheme | No. of recoveries over 100 km |
|--|----------------------------|------|-------|------|--------|-------|------|-------|------|--------------|-------------------------------|
| | 1977/8 | 78/9 | 79/80 | 80/1 | 60/81 | 77/8 | 78/9 | 79/80 | 80/1 | | |
| <i>Gelochelidon nilotica</i> Gull-billed Tern | 0 | 4 | 6 | 0 | 19 | 0 | 2 | 0 | 0 | 21 | 0 |
| <i>Sterna hirundo</i> Common Tern | 0 | 0 | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 4 | 0* |
| <i>Streptopelia turtur</i> Turtle Dove | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 |
| <i>Cuculus canorus</i> Eurasian Cuckoo | 0 | 1 | 1 | 0 | 9 | 0 | 0 | 0 | 0 | 9 | 0 |
| <i>C. poliocephalus</i> Lesser Cuckoo | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| <i>Otus scops</i> Scops Owl | 0 | 0 | 1 | 0 | 5 | 1 | 0 | 0 | 6 | 12 | 0 |
| <i>Caprimulgus europaeus</i> Eurasian Nightjar | 14 | 21 | 106 | 41 | 204 | 0 | 0 | 0 | 2 | 206 | 0* |
| <i>Alcedo atthis</i> Eurasian Kingfisher | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | 0 |
| <i>Merops apiaster</i> Eurasian Bee-eater | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 4 | 0 |
| <i>M. persicus</i> Blue-cheeked Bee-eater | 0 | 0 | 0 | 0 | 8 | 0 | 1 | 0 | 3 | 12 | 0 |
| <i>Coracias garrulus</i> Eurasian Roller | 0 | 9 | 11 | 3 | 30 | 0 | 0 | 0 | 0 | 30 | 0* |
| <i>Upupa epops</i> Hoopoe | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 0 |
| <i>Jynx torquilla</i> Eurasian Wryneck | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 5 | 0 |
| <i>Calandrella brachydactyla</i> Short-toed Lark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 9 | 0 |
| <i>Delichon urbica</i> House Martin | 0 | 0 | 1 | 0 | 49 | 0 | 0 | 0 | 0 | 49 | 1 |
| <i>Hirundo rustica</i> Eurasian Swallow | 33 | 90 | 207 | 224 | 12 975 | 2 | 6 | 1 | 8 | 12 992 | 47 |
| <i>Riparia riparia</i> Sand Martin | 9 | 12 | 2 | 2 | 1768 | 0 | 14 | 0 | 0 | 1782 | 1 |
| <i>Oriolus oriolus</i> Golden Oriole | 1 | 3 | 1 | 2 | 29 | 0 | 0 | 0 | 0 | 29 | 0 |
| <i>Cercotrichas galactotes</i> Rufous Bush Chat | 61 | 99 | 221 | 126 | 691 | 0 | 0 | 1 | 0 | 692 | 0 |
| <i>Irania gutturalis</i> Irania | 72 | 114 | 272 | 107 | 1091 | 0 | 0 | 0 | 0 | 1091 | 0 |
| <i>Luscinia luscinia</i> Sprosser | 629 | 2840 | 1812 | 1516 | 10 209 | 0 | 0 | 2 | 1 | 10 212 | 2 |
| <i>L. megarhynchos</i> Nightingale | 43 | 67 | 72 | 75 | 448 | 4 | 1 | 4 | 0 | 457 | 0 |
| <i>L. svecica</i> Bluethroat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| <i>Monticola saxatilis</i> Rock Thrush | 4 | 21 | 27 | 17 | 116 | 0 | 1 | 0 | 1 | 118 | 0 |
| <i>M. solitarius</i> Blue Rock Thrush | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |

Palaeartic birds ringed in eastern Africa

| Species | Kenya, Tanzania and Uganda | | | | | Sudan | | | | Whole Scheme | No. of recoveries over 100 km |
|---|----------------------------|------|-------|------|-------|-------|------|-------|------|--------------|-------------------------------|
| | 1977/8 | 78/9 | 79/80 | 80/1 | 60/81 | 77/8 | 78/9 | 79/80 | 80/1 | | |
| <i>Oenanthe deserti</i> Desert Wheatear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 0 |
| <i>O. hispanica</i> Black-eared Wheatear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 |
| <i>O. isabellina</i> Isabelline Wheatear | 4 | 37 | 6 | 11 | 74 | 0 | 0 | 0 | 0 | 74 | 0 |
| <i>O. oenanthe</i> Northern Wheatear | 12 | 32 | 14 | 22 | 138 | 1 | 1 | 4 | 1 | 145 | 0 |
| <i>O. pleschanka</i> Pied Wheatear | 2 | 19 | 5 | 8 | 43 | 0 | 0 | 0 | 2 | 45 | 0 |
| <i>O. xanthopyrmyna</i> Red-tailed Wheatear | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 |
| <i>Phoenicurus ochruros</i> Black Redstart | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 11 | 0 |
| <i>P. phoenicurus</i> Redstart | 0 | 0 | 0 | 0 | 52 | 17 | 9 | 14 | 49 | 141 | 1 |
| <i>Saxicola rubetra</i> Whinchat | 0 | 4 | 0 | 0 | 85 | 0 | 3 | 1 | 1 | 90 | 0 |
| <i>S. torquata</i> Stonechat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| <i>Turdus philomelos</i> Song Thrush | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 |
| <i>Acrocephalus arundinaceus</i> Great Reed Warbler 7 | 26 | 3 | 37 | 6 | 267 | 0 | 0 | 1 | 1 | 269 | 0 |
| <i>A. griseldis</i> Basra Reed Warbler | 20 | 26 | 76 | 94 | 444 | 0 | 0 | 1 | 0 | 445 | 0 |
| <i>A. palustris</i> Marsh Warbler | 1633 | 2106 | 5192 | 2195 | 17237 | 0 | 0 | 0 | 0 | 17237 | 10* |
| <i>A. schoenobaenus</i> Sedge Warbler | 20 | 23 | 174 | 22 | 2036 | 1 | 0 | 1 | 2 | 2040 | 1 |
| <i>A. scirpaceus</i> Reed Warbler | 33 | 37 | 73 | 45 | 1389 | 2 | 4 | 1 | 13 | 1409 | 2 |
| <i>A. stentoreus</i> Clamorous Reed Warbler | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 0 |
| <i>Hippolais icterina</i> Icterine Warbler | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 |
| <i>H. languida</i> Upcher's Warbler | 9 | 18 | 31 | 12 | 230 | 0 | 0 | 0 | 0 | 230 | 0 |
| <i>H. olivitorum</i> Olive-tree Warbler | 15 | 21 | 78 | 46 | 251 | 0 | 0 | 0 | 0 | 251 | 0 |
| <i>H. pallida</i> Olivaceous Warbler | 10 | 13 | 81 | 52 | 389 | 7 | 2 | 1 | 1 | 400 | 0 |
| <i>Locustella fluviatilis</i> River Warbler | 97 | 201 | 401 | 216 | 1883 | 0 | 0 | 0 | 0 | 1883 | 0 |
| <i>L. luscinoides</i> Savi's Warbler | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 |
| <i>L. naevia</i> Grasshopper Warbler | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| <i>Phylloscopus collybita</i> Chiffchaff | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 16 | 21 | 0 |
| <i>P. sibilatrix</i> Wood Warbler | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |

Palaeartic birds ringed in eastern Africa

| Species | Kenya, Tanzania and Uganda | | | | | | Sudan | | | | Whole Scheme 60/81 | No. of recoveries over 100 km |
|--|----------------------------|--------|--------|------|---------|--|-------|------|-------|------|--------------------|-------------------------------|
| | 1977/8 | 78/9 | 79/80 | 80/1 | 60/81 | | 77/8 | 78/9 | 79/80 | 80/1 | | |
| <i>P. trochilus</i> Willow Warbler | 277 | 179 | 288 | 176 | 4051 | | 0 | 4 | 5 | 1 | 4061 | 1* |
| <i>Sylvia atricapilla</i> Blackcap | 44 | 114 | 18 | 47 | 655 | | 122 | 22 | 36 | 440 | 1275 | 2 |
| <i>S. borin</i> Garden Warbler | 55 | 101 | 104 | 137 | 1900 | | 12 | 2 | 32 | 27 | 1973 | 1 |
| <i>S. communis</i> Whitethroat | 1338 | 2058 | 4170 | 2314 | 16 002 | | 6 | 8 | 4 | 10 | 16 030 | 0 |
| <i>S. curruca</i> Lesser Whitethroat | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 4 | 14 | 18 | 0 |
| <i>S. hortensis</i> Orphean Warbler | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 1 | 5 | 6 | 0 |
| <i>S. mystacea</i> Ménétries' Warbler | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 6 | 6 | 0 |
| <i>S. nana</i> Desert Warbler | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 2 | 2 | 0 |
| <i>S. nisoria</i> Barred Warbler | 21 | 24 | 86 | 31 | 527 | | 0 | 0 | 5 | 2 | 534 | 1 |
| <i>Ficedula albicollis</i> Collared Flycatcher | 0 | 0 | 0 | 0 | 2 | | 0 | 0 | 0 | 0 | 2 | 0 |
| <i>Muscipaca striata</i> Spotted Flycatcher | 39 | 75 | 213 | 191 | 634 | | 0 | 0 | 0 | 8 | 642 | 0 |
| <i>Anthus cervinus</i> Red-throated Pipit | 0 | 1 | 5 | 29 | 112 | | 0 | 3 | 6 | 2 | 123 | 0 |
| <i>A. trivialis</i> Tree Pipit | 18 | 21 | 6 | 2 | 319 | | 2 | 1 | 1 | 6 | 329 | 0 |
| <i>Motacilla alba</i> White Wagtail | 0 | 0 | 0 | 18 | 26 | | 0 | 0 | 0 | 20 | 46 | 0 |
| <i>M. cinerea</i> Grey Wagtail | 0 | 0 | 2 | 0 | 7 | | 1 | 3 | 3 | 5 | 19 | 0* |
| <i>M. flava</i> Yellow Wagtail | 975 | 326 | 4038 | 1360 | 49 641 | | 8 | 22 | 9 | 0 | 49 680 | 30 |
| <i>Lanius collurio</i> Red-backed Shrike | 38 | 124 | 227 | 98 | 793 | | 0 | 1 | 0 | 2 | 796 | 0* |
| <i>L. excubitor</i> Great Grey Shrike | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 6 | 6 | 0 |
| <i>L. isabellinus</i> Red-tailed Shrike | 8 | 50 | 191 | 54 | 566 | | 1 | 0 | 1 | 15 | 581 | 2 |
| <i>L. collurio/isabellinus</i> (hybrid) | 0 | 0 | 3 | 3 | 9 | | 0 | 0 | 0 | 0 | 9 | 0 |
| <i>L. collurio</i> + <i>L. isabellinus</i> [1960-1973] | — | — | — | — | 240 | | — | — | — | — | 240 | 0 |
| <i>L. minor</i> Lesser Grey Shrike | 0 | 0 | 2 | 0 | 8 | | 0 | 0 | 0 | 0 | 8 | 1 |
| <i>L. rubicus</i> Nubian Shrike | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 4 | 4 | 0 |
| <i>L. senator</i> Woodchat Shrike | 0 | 0 | 0 | 0 | 1 | | 0 | 0 | 0 | 0 | 1 | 0 |
| Totals | 5713 | 10 526 | 19 436 | 9931 | 152 481 | | 197 | 710 | 332 | 1348 | 155 040 | 151 |
| Number of species | 44 | 54 | 61 | 51 | 98 | | 22 | 41 | 40 | 63 | 122 | 24 |

* indicates that there have been foreign-ringed recoveries of these species to eastern Africa.

TABLE 2

Afrotropical birds ringed in eastern Africa

| | 1977-78 | 1978-79 | 1979-80 | 1980-81 | 1960-81 |
|--|---------|---------|---------|---------|---------|
| Non Passerines | 1057 | 1063 | 1388 | 504 | 12266 |
| Number of non passerine species | 80 | 83 | 77 | 69 | 223 |
| Passerines | 5708 | 1960 | 4578 | 2634 | 54160 |
| Number of passerine species | 280 | 185 | 175 | 204 | 434 |
| Total Afrotropical birds ringed | 6765 | 3023 | 5966 | 3138 | 66426 |
| Total number of Afrotropical species | 360 | 268 | 252 | 273 | 657 |
| Total Afrotropical and Palaearctic | | | | | |
| birds ringed | 12675 | 14259 | 25738 | 14417 | 221466 |
| Total number of species | 412 | 339 | 322 | 355 | 798 |

TABLE 3

Recoveries and Controls

Key to symbols and terms

| | | |
|--------------------|------|--|
| Ring number | | — where this is in italics the ring has been returned. |
| Age | fg | — full grown, age uncertain; |
| | ad | — adult; |
| | 1W | — bird in its first year; |
| | pull | — young, not able to fly freely; |
| | juv | — young, able to fly freely. |
| Sex | ♂ | — Male |
| | ♀ | — female. |
| Manner of recovery | + | — shot or killed by man; |
| | x | — found dead or dying; |
| | xA | — found long dead; |
| | /?/ | — manner of recovery unknown; |
| | v | — caught or trapped alive and released with ring (=control); |
| | () | — caught or trapped alive and not released, or released with ring removed. |
| Date of Recovery | | — given in the order: day, month, year. If the date is unknown, the date of the reporting letter is given in round brackets. |
| Distance (km) | | — The Great Circle distance in kilometres between the ringing and recovery sites, i.e. the shortest distance between these two points. |
| Elapsed time (d) | | — days. |

All rings are marked 'Send Museum Nairobi' unless otherwise stated.

Co-ordinates of frequently mentioned ringing sites.

Juba, Sudan 4°52'N, 31°30'E.

Kabete, Nairobi, Kenya 1°13'S, 36°44'E.

Lake Magadi, Kenya 2°00'S, 36°10'E.

Kariobangi, Nairobi, Kenya 1°15'S, 36°53'E.

Lake Nakuru, Kenya 0°20'S, 36°06'E.

Ngulia, Tsavo, Kenya 3°00'S, 38°13'E.

Ciconia ciconia White Stork

| | | | |
|-----------------|-----|------------|--|
| <i>Varsovia</i> | juv | 24.06.1935 | Ubieszyn (Rzeszow), Poland , 50°10'N, 22°35'E (M. Nowinski). |
| B 5791 | x/+ | 04.12.1935 | Kingwal Swamp (Nandi), Kenya , 0°15'N, 35°08'E, 195 d, 5673 km, (Game Department, Nairobi). |
| <i>Varsovia</i> | juv | 23.07.1935 | Berezow, <i>now</i> Ukrainian S.S.R., U.S.S.R., 51°35'N, 27°22'E (A. Dobrski). |
| B 5719 | x/+ | 04.01.1936 | Kapsabet, Kenya , 0°13'N, 35°10'E, 166 d, 5755 km, (Vogelwarte Rossitten). |
| <i>Varsovia</i> | juv | 09.07.1936 | Zacieczki (Bialystok), Poland , 53°37'N, 22°17'E (J. Gromadzki). |
| B 6217 | x/+ | 12.12.1936 | Bilubilu (Maswa), Tanzania , 2°50'S, 34°00'E, 157 d, 6367 km, (The Maswa Office). |

| | | | |
|--|------|------------|---|
| <i>Varsovia</i> B 6195 | juv | 11.07.1936 | Ciolkowicze Wielkie, <i>now</i> Ukrainian S.S.R., U.S.S.R., 51°35'N, 25°57'E (W. Soloniewicz). |
| | x/+ | 25.12.1936 | Nyahururu (<i>formerly</i> Thomson's Falls), Kenya , 0°02'N, 36°30'E, 168 d, 5813 km, (Game Department, Nairobi). |
| <i>Varsovia</i> B 4595 | pull | 23.06.1934 | Ruda Sielecka, <i>now</i> Ukrainian S.S.R., U.S.S.R., 50°09'N, 24°24'E (A. Bartmanski). |
| | x/+ | 00.03.1937 | Kisumu, Kenya , 0°06'S, 34°45'E, >981 d, 5670 km, G. Lanki. |
| <i>Helgoland</i> 224383 | pull | 17.06.1936 | Isenstedt (Lübbecke), West Germany , 52°21'N, 8°37'E (M. Baade). |
| | x | 00.03.1937 | Babati (Mbulu), Tanzania , 4°11'S, 35°46'E, >256 d, 6782 km. |
| <i>Varsovia</i> B 1446 | juv | 01.07.1935 | Cruchleby (Lublin), Poland , 52°14'N, 23°17'E (M. M. Tchorznicki). |
| | x/+ | 06.03.1937 | Chunya, Tanzania , 8°30'S, 33°30'E, 1343 d, 6819 km, D.R. John. |
| This bird is also recorded (Rydzewski 1949a) as having been recovered in January 1938 by W.T. Aitken at the Lupa River Goldfields, Iteue Hills, Tanzania , 8°30'S, 33°20'E, >1644 d, 6816 km. | | | |
| <i>Varsovia</i> B 7454 | juv | 13.07.1936 | Zagroby (Bialystok), Poland , 53°00'N, 22°09'E (S. Mistygacz). |
| | x/+ | 04.06.1937 | Ibolero (Tabora), Tanzania , 5°00'S, 35°48'E, 329 d, 6571 km, District Office, Tabora. |
| <i>Varsovia</i> B 9772 | juv | 16.06.1937 | Lohiszyn, <i>now</i> Belorussian S.S.R., U.S.S.R., 52°20'N, 26°59'E (J. Tymkowicz). |
| | x/+ | 00.01.1938 | Yombo (Nzega), Tanzania , 4°47'S, 33°19'E, >291 d, 6375 km, G.H. Laflamme. |
| <i>Helgoland</i> 220387 | pull | 17.06.1936 | Grettstadt (Schweinfurt), West Germany , 49°59'N, 10°18'E (I. Schanz) |
| | + | 00.02.1938 | Kinyangiri (Singida), Tanzania , 4°28'S, 34°36'E, >228 d, 6485 km. |
| <i>Varsovia</i> B 694 | juv | 29.06.1932 | Piskorzoniec (Lodz), Poland , 51°01'N, 20°03'E (B. Jakubowski). |
| | x/+ | 00.03.1938 | Speke Gulf (Mwanza), Tanzania , 2°30'S, 33°30'E, >2435 d, 6082 km, (District Officer, Ngudu). |
| <i>Varsovia</i> B 5491 | pull | 24.06.1935 | Justrosin (Wroclaw), Poland , 51°39'N, 17°10'E (E. Krotki). |
| | x | 1940-1944 | Kenya , >1651 d, (British Museum). |
| <i>Helgoland</i> 222877 | pull | 01.07.1939 | Schloss Schlüsselburg (Lübbecke), West Germany , 52°29'N, 9°04'E (M. Baade). |
| | [?] | 16.02.1940 | Minakula (Lango), Uganda , 2°29'N, 32°21'E, 231 d, 5957 km, (C.R.S. Pitman). |

This bird was listed by Eggeling (1951) but without ringing details.

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| <i>Varsovia</i> B 2657 | pull | 00.06.1939 | Dolsk, <i>now</i> Ukrainian S.S.R., U.S.S.R., 51°07'N, 24°22'E (J. Stadion-Rzyszcwski). |
| | x/+ | early 03.1940 | Chegere (Lango), Uganda , 2°05'N, 32°31'E, >258 d, 5502 km, (W.J. Eggeling). |

This bird was listed by Eggeling (1951) but without ringing details.

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| <i>Varsovia</i> B 505779 | pull | 27.06.1939 | Dabek (Warszawa), Poland , 53°03'N, 21°47'E (F. Cisek). |
| | x | 13.03.1940 | Igumira (Tabora), Tanzania , 6°48'S, 33°15'E, 260 d, 6738 km. |
| <i>Varsovia</i> B 509559 | pull | 24.06.1939 | Rogozna, <i>now</i> Belorussiya S.S.R., U.S.S.R. , 51°50'N, 23°47'E (L. Surdacki). |
| | x | 00.12.1940 | Kibondo District, Tanzania , 3°37'S, 30°42'E, > 525 d, 6196 km. |
| <i>Varsovia</i> B 501740 | pull | 24.06.1939 | Panki (Bialystok), Poland , 53°08'N, 22°53'E (Z. Zawal). |
| | x | 10.03.1941 | Kasuguti (Mwanza), Tanzania , c. 3°S, 32°56'E, 625 d, c. 6300 km. |
| <i>Varsovia</i> B 508840 | pull | 30.06.1939 | Lysa Gora, <i>now</i> Ukrainian S.S.R., U.S.S.R. , 50°43'N, 26°46'E (J. Holowinski). |
| | x | 13.03.1941 | 160 km S of Lake Victoria, Tanzania , c. 4°S, 33°E, 622 d, c. 6100 km. |
| <i>Varsovia</i> B 503685 | pull | 22.06.1938 | Osada Krechowicka, <i>now</i> Ukrainian S.S.R., U.S.S.R. , c. 50°41'N, 26°11'E (A. Kulinicz). |
| | x | 03.04.1943 | 160 km S of Lake Victoria, Tanzania , c. 4°S, 33°E, 1747 d, c. 6100 km. |
| <i>Varsovia</i> B 510625 | pull | 03.07.1939 | Basowy Kat, <i>now</i> Ukrainian S.S.R., U.S.S.R. , 50°36'N, 26°15'E (W. Romanowski). |
| | x | 00.00.1944 | Dodoma, Tanzania , 6°11'S, 35°44'E, > 641 d, 6375 km. |
| <i>Varsovia</i> B 523133 | pull | 29.06.1952 | Wolka Zablocka (Lublin), Poland , 51°28'N, 22°45'E (K. Moszczynski). |
| | x | 17.11.1952 | Eldama Ravine, Kenya , 0°03'N, 35°40'E, 142 d, 5841 km, (British Trust for Ornithology). |
| <i>Radolfzell</i> BB 5530 | pull | 20.06.1954 | Alerheim (Nördlingen), West Germany , 48°51'N, 10°37'E (F. Pfeleiderer). |
| | xA | 00.06.1955 | Rukwa Valley, Tanzania , 8°25'S, 32°30'E, > 346 d, 6712 km. |
| <i>Gdansk</i> B 526478 | pull | 23.06.1957 | Czarnogozdzice (Poznan), Poland , 51°28'N, 17°20'E (A. Mrugasiewicz). |
| | xA | late 01.1958 | Issele (Itumba), Tanzania , 6°20'S, 35°00'E, > 192 d, 6640 km. |
| <i>Helgoland</i> H 2407 | pull | 01.07.1958 | Dornburg (Zerbst), East Germany , 52°02'N, 11°54'E (W. Gorgass). |
| | v | 30.01.1959 | Lake Kitangiri (Iramba), Tanzania , 4°05'S, 34°20'E, 214 d, 6586 km. |
| <i>Radolfzell</i> BB 8801 | pull | 22.06.1958 | Molkenberg (Havelberg), East Germany , 52°42'N, 12°13'E, (M. Muller). |
| | + | 00.02.1959 | Lipumba (Songea), Tanzania , 10°49'S, 35°05'E, > 224 d, 7387 km. |
| <i>Helgoland</i> 240680 | pull | 29.06.1958 | Bröckel (Celle), West Germany , 52°32'N, 10°14'E (J. Wittenberg). |
| | x | 10.02.1959 | South Kinangop, Kenya , 0°37'S, 36°42'E, 227 d, 6399 km. |

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| <i>Helgoland</i> H 4402 | pull | 29.06.1958 | Mecklenhorst (Neustadt am Rügenberge), West Germany , 52°31'N, 9°30'E (B. Lohmer). |
| | x | 19.06.1959 | Ilago (Shinyanga), Tanzania , 3°40'S, 33°20'E, 356 d, 6632 km. |
| <i>Helgoland</i> 241557 | pull | 02.07.1958 | Hamburg-Finkenwerder (Harburg), West Germany , 53°32'N, 9°53'E (G. Volkmann). |
| | x | 15.12.1959 | Eldoret, Kenya , 0°35'N, 35°15'E, 532 d, 6330 km. |
| <i>Gdansk</i> B 522681 | pull | 07.06.1958 | Polichno (Bydgoszcz), Poland , 53°10'N, 17°20'E (M. Stepniewicz). |
| | x | early 02.1960 | Mwele Sisal Estate (Tanga), Tanzania , c. 5°S, 37°E, >239 d, c. 6720 km. |
| <i>Helgoland</i> 244239 | pull | 05.07.1958 | Gross Schwülper (Grifhorn), West Germany , 52°22'N, 10°27'E (R. Müller). |
| | x | (16.03.1960) | NE Acholi, Uganda , 619d, (District Commissioner, Kitgum). |
| <i>Radolfzell</i> BB 5877 | pull | 22.06.1960 | Griesingen (Ehingen/Donau), West Germany , 48°16'N, 9°47'E (L. Bendel). |
| | + | 13.03.1961 | Nuu (Kitui), Kenya , 1°04'S, 38°21'E, 265 d, 6134 km. |
| <i>Radolfzell</i> BB 9228 | pull | 16.06.1960 | Dachsbach (Neustadt/Aisch), West Germany , 49°39'N, 10°42'E (Th. Mebs). |
| | + | 16.04.1961 | Mulango (Kitui), Kenya , 1°22'S, 38°01'E, 305 d, 6240 km. |
| <i>Helgoland</i> H 8473 | pull | 15.06.1968 | Langenhorn, Delverkoog, Schleswig-Holstein, West Germany 54°20'N, 9°16'E (R. Schnorr). |
| | x | 00.12.1972 | Iringa Region, Tanzania , c. 7°49'S, 35°39'E, (1650 d), c. 7332 km. Tanzania National Research Office. |
| <i>Bucaresti</i> B 968 | pull | 27.06.1960 | Danube Delta, Romania , 45°04'N, 29°05'E. |
| | x | 04.02.1973 | Tangalo (Dodoma), Tanzania , 6°05'S, 35°28'E, 4603 d, 5719 km. |
| <i>Helgoland</i> 249494 | pull | 19.06.1971 | Freiburg, Niedersachsen, West Germany , 53°50'N, 9°17'E (G. Dahms). |
| | x | 11.02.1973 | Kimali, Maswa District, Tanzania , 3°23'S, 34°28'E, 603 d, 6774 km, Veterinary Office, Maswa. |
| <i>Helgoland</i> 3779 | pull | 16.06.1974 | Poyenberg, Schleswig-Holstein, West Germany , 54°02'N, 9°42'E (E. Meybohm). |
| | + | early 02.1975 | Ifakara, Morogoro, Tanzania , 8°10'S, 36°36'E, (230 d), 7357 km, H.E. Krutschau. |
| <i>Helgoland</i> 3057 | pull | 17.06.1974 | Karghude, Schleswig-Holstein, West Germany , 53°46'N, 10°08'E (H. Bieling). |
| | x | 15.03.1975 | Old Shinyanga, Tanzania , 3°40'S, 33°25'E, 271 d, 6739 km, Ministry of Natural Resources. |
| <i>Helgoland</i> E 5503 | pull | 23.06.1975 | Wester-Bargum, Schleswig-Holstein, West Germany , 54°42'N, 8°56'E (G. Fiedler). |
| | x | 07.02.1979 | near Mbeya, Tanzania , 8°50'S, 33°22'E, 1325 d, 7419 km, E. Mwabenga. |
| <i>Helgoland</i> 4073 | pull | 01.07.1975 | Gräpel-Schönau, Lüneburg, Niedersachsen, West Germany , 53°34'N, 9°11'E (G. Dahms). |
| | x | 23.02.1978 | Rongai, Kenya , 0°10'S, 35°51'E, 968 d, 6457 km, (Warden, Lake Nakuru National Park). |

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| <i>Helgoland</i> 8615 | pull | 08.07.1977 | Herrenhallig, Schleswig-Holstein, West Germany , 54°24'N, 9°06'E (G. Fiedler). |
| | x | 00.02.1978 | Singida Region, Tanzania , c. 4°50'S, 34°45'E, (220 d), c. 7000 km, Ministry of Natural Resources. |
| <i>Helgoland</i> 7864 | pull | 08.07.1980 | Kapern, Luneburg, West Germany , 53°01'N, 11°32'E (H.-G. Weigel) |
| | x(car) | 07.12.1980 | Kilaguni, Tsavo, Kenya , 2°54'S, 38°04'E, 153 d, 6688 km, B.S. Meadows. |
| <i>Gdansk</i> V 1427 | pull | 27.06.1980 | Piatnica, Lomza, Poland , 53°12'N, 22°06'E (A. Ruminski). |
| | () | c. 06.02.1981 | Idete, Kilombero District, Tanzania , 8°40'S, 36°25'E, c. 225 d, 7007 km, (newspaper report via K.M. Howell). |

Details of the pre-war German and *Varsovia* birds have been taken from Schuz (1961) and the Polish authors listed under 'References'.

Recoveries of White Storks in the Sudan are being assembled by G. Nikolaus and will be documented elsewhere.

Plegadis falcinellus Glossy Ibis

| | | | |
|---------------------------|------|------------|--|
| <i>Moskwa</i> C 247144 | pull | 15.06.1978 | Astrakhan Reserve, Astrakhan Region, U.S.S.R. , 46°40'N, 48°08'E. |
| | + | 00.03.1980 | Kosti, White Nile, Sudan , 13°11'N, 32°38'E, >562 d, 3992 km, (GN). |

Platalea leucorodia Eurasian Spoonbill

| | | | |
|---------------------------|------|------------|--|
| <i>Moskwa</i> B 153564 | pull | 19.05.1978 | Kherson Region, Ukrainian S.S.R., U.S.S.R. , 46°27'N, 31°55'E. |
| | (+) | 28.02.1980 | near Khartoum, Sudan , c. 15°33'N, 32°25'E, 651 d, 3434 km, (S.N. Adams, GN). |

Phoeniconaias minor Lesser Flamingo

| | | | |
|-------------------------------------|------|------------|--|
| <i>London</i> 1020565 1039911 | pull | 30.10.1962 | Lake Magadi, Kenya , 1°55'S, 36°18'E, L.H. Brown <i>et al.</i> |
| | x | 13.01.1963 | Embagai Crater lake, Tanzania , 2°53'S, 35°50'E, 75 d, 123 km, (Hudson 1963). |

(The above concerns two birds with identical ringing and recovery data.)

| | | | |
|--------------------------|------|------------|--|
| <i>London</i> 1032064 | pull | 02.11.1962 | Lake Magadi, Kenya (as above). |
| | x | 09.07.1964 | Sodere, Ethiopia , c. 8°30'N, 39°30'E, 612 d, 1207 km, (Hudson 1967). |

The three recoveries reported here resulted from the ringing of some 8000 Lesser Flamingo chicks during October and November 1962; British Trust for Ornithology rings were used and the birds have never been included in the East African ringing totals. Smart (1967) mentioned the recovery to Ethiopia but stated that two birds were involved. One further bird, *London* 1020332, ringed on 30.10.1962, was found at Magadi on 24.09.1974 when it was considered to have been dead for several months (D. Clay, *per* BTO).

Phoenicopterus ruber Greater Flamingo

| | | | |
|--------------------------|------|------------|---|
| <i>Tehran</i> LL 3691 | pull | 25.08.1973 | Dowguzlar Island, Lake Rezayeh, Iran , 37°18'N, 45°40'E (Dept. of the Environment). |
| | + | 00.00.1975 | 50 km south of Khartoum, Sudan , c. 15°30'N, 32°30'E, >495 d, c. 2747 km, (Argyle 1975). |

Charadrius dubius Little Ringed Plover

| | | | |
|------------------|----|------------|--|
| <i>Hiddensee</i> | 1W | 13.08.1978 | Helmestausee, Sangerhausen, East Germany , 51°27'N, 11°01'E (Vogelwarte Hiddensee). |
| 80509160 | v | 13.11.1978 | Juba, Sudan , 92 d, 5512 km; re-ringed with <i>Nairobi</i> K 5309, GN. |

The second recovery of this species affecting eastern Africa; the first was from Lake Nakuru to the Black Sea in 1968.

Actitis hypoleucos Common Sandpiper

| | | | |
|-----------------|-----|------------|---|
| <i>Pretoria</i> | fg | 03.12.1977 | Umhlanga Sewage Pans, near Durban, South Africa , 29°42'S, 31°04'E (H.E. Wilson) |
| BB 14909 | (+) | 06.04.1978 | Kinyete River, Torit, Sudan , 4°25'N, 32°35'E, 124 d, 3794 km, (GN). |

The only previous recovery of this species affecting eastern Africa was from Lake Nakuru to the Perm' Region, U.S.S.R. in 1968.

Tringa glareola Wood Sandpiper

| | | | |
|----------------|--------|------------|--|
| <i>A 25054</i> | fg | 21.10.1978 | Juba, Sudan (GN). |
| | + | 01.06.1980 | Yamal District, Tyumen Region, U.S.S.R. , 66°30'N, 70°38'E, 589 d, 7478 km (RCM). |
| <i>B 9642</i> | 1W | 11.09.1971 | Lake Nakuru, Kenya (DJP, JGR). |
| | ×(car) | 20.11.1980 | near Norvalspont, Orange Free State, South Africa , 30°38'S, 25°27'E, 3356 d, 3550 km, (Dr. T. Farkas). |

The fifth and sixth long-distance recoveries of this species; all have been to the U.S.S.R except for *B 9642*. *A 2504* is the most easterly and northerly recovery.

Tringa stagnatilis Marsh Sandpiper

| | | | |
|----------------|----|------------|---|
| <i>B 11838</i> | fg | 12.10.1975 | Lake Magadi, Kenya (GCB, DEGB, WPHD). |
| | v | 27.01.1979 | Lake Manyara, Tanzania , 3°35'S, 35°50'E, 1203 d, 180 km; caught in fish net, released; N. Masaka. |

Gallinago media Great Snipe

| | | | |
|----------------|----|------------|---|
| <i>B 13584</i> | ad | 14.11.1978 | Juba, Sudan (GN). |
| | + | 30.08.1979 | Sobakorki, Kirov Region, U.S.S.R. , 58°19'N, 51°00'E, 289 d, 6174 km, (RCM). |

The first recovery of this species affecting eastern Africa.

Calidris minuta Little Stint

| | | | |
|-----------------|----|------------|--|
| <i>K 3237</i> | ad | 06.09.1975 | Lake Nakuru, Kenya (GCB, DEGB, WPHD). |
| | v | 23.08.1978 | Darwendale Dam, near Salisbury, Zimbabwe , 17°52'S, 30°51'E, 1082 d, 2031 km; <i>Pretoria</i> AA 80285 added; A. J. Tree. |
| <i>K 5308</i> | fg | 13.11.1978 | Juba, Sudan (GN). |
| | v | 20.01.1979 | Lake Magadi, Kenya , 50 d, 922 km, DJP. |
| <i>Pretoria</i> | 1W | 18.03.1979 | Crowborough, Zimbabwe , 17°52'S, 30°54'E (A.J. Tree). |
| AA 80557 | v | 23.08.1979 | Lake Magadi Kenya , 158 d, 1854 km, DJP, DEGB. |
| <i>Pretoria</i> | ad | 22.10.1978 | Salisbury District, Zimbabwe , 17°52'S, 31°05'E (A.J. Tree). |
| AA 80372 | v | 16.08.1980 | Lake Magadi Kenya , 664 d, 1848 km, DJP, DEGB. |

An above average set of controls within Africa. Previous recoveries have involved movements between rift valley lakes in Zambia, Kenya, Zimbabwe, Zaire and Kazakhstan.

Philomachus pugnax Ruff

| | | | |
|----------------|-----|--------------|---|
| <i>B 15404</i> | ado | 24.10.1976 | Lake Magadi, Kenya (GCB, DEGB). |
| | + + | 20.05.1977 | Olenek River, Olenek District, Yakutian A.S.S.R., U.S.S.R., 68°28'N, 113°00'E, 208 d, 9675 km, (RCM). |
| C 3474 | 1W♂ | 27.10.1973 | Lake Bogoria (formerly Lake Hannington), Kenya , 0°15'N, 36°06'E (DJP, WPHD). |
| | × | 03.07.1977 | near Vilyuisk, Yakutian A.S.S.R., U.S.S.R., 63°45'N, 121°37'E, 1345 d, 9756 km, (RCM). |
| B 11883 | 1W♀ | 02.09.1978 | Aweil, Sudan , 8°46'N, 27°24'E (GN). |
| | + + | (24.04.1979) | Ain-Oulmene, Sétif, Algeria , 36°11'N, 5°24'E, (<233d), 3772 km, M. Mameche Sassi. |
| C 2527 | ad♂ | 27.09.1975 | Lake Magadi, Kenya (DJP, WPHD). |
| | + | 00.06.1979 | Khatanga, Krasnojarsk Region, U.S.S.R., 72°00'N, 102°15'E, >1350 d, 9414 km, (RCM). |
| C 2558 | 1W♂ | 20.03.1976 | Lake Magadi, Kenya (DJP, WPHD). |
| | v | 09.06.1979 | near Rubtsovsk, Altai, U.S.S.R., 51°30'N, 81°13'E, 1176 d, 7296 km (RCM). |
| C 5324 | 1W♂ | 06.12.1980 | Selit (Khartoum), Sudan , 15°42'N, 32°30'E (GN). |
| | *A | 14.02.1981 | Sennar, Sudan , 13°31'N, 33°38'E, <71 d, 271 km, A.L.A. Elagib. |
| <i>B 12444</i> | 1W♀ | 24.01.1976 | Lake Magadi, Kenya (DJP). |
| | × | 02.07.1981 | Lake Nakuru, Kenya , 1985 d, 185 km, John C.W. Ochieng. |

B 11883 is our first Ruff to Algeria and the only example to have moved west. C 2527 is our most northerly recovery. Previous foreign recoveries have been to the U.S.S.R. (to 153°40'E) and India, plus one from South Africa.

Sterna hirundo Common Tern

| | | | |
|-----------------|--------|------------|--|
| <i>Moskwa</i> | pull | 13.07.1974 | Astrakhan' Reserve, U.S.S.R., 46°14'N, 49°00'E (RCM). |
| <i>P 315536</i> | *(cat) | 17.11.1974 | Kilifi, Kenya , 3°38'S, 39°51'E, 128 d, 5614 km, J.W.L. Harris. |

The second foreign recovery of this species; the first was from eastern Austria to Tanga in 1970.

Upupa epops africana Hoopoe

| | | | |
|----------------|--------|------------|--|
| <i>A 12832</i> | fg | 04.02.1979 | Langata, Nairobi, Kenya , 1°22'S, 36°43'E (GCB, AMF-W). |
| | *(dog) | 21.12.1979 | Westlands, Nairobi, Kenya , 1°15'S, 36°47'E, 320 d, 15 km, (G.R. Cunningham-van Someren). |

Hirundo rustica Eurasian Swallow

| | | | |
|-----------------|-----|------------|---|
| <i>Varsovia</i> | juv | 19.06.1932 | Babica (Rzeszow), Poland , 50°06'N, 21°55'E (W. Gurtler). |
| G 51574 | ×/+ | 01.10.1939 | Bobi (Acholi), Uganda , 2°35'N, 32°20'E, 2660 d, 5371 km, (W.J. Eggeling). |

This bird was included by Eggeling (1951) but without ringing details.

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|------------------------------|----|------------|---|
| <i>Helgoland</i> 9R 72834 | 1W | 28.10.1974 | Heubach (Darmstadt), West Germany , 49°51'N 8°58'E (Rothman RG). |
| | + | 03.12.1974 | Matai (Sumbawanga), Tanzania , 8°18'S, 31°31'E, 37 d, 6821 km, (Ott 1980). |

| | | | |
|-----------------------------|------------------|------------|--|
| <i>Pretoria</i> AA 29105 | fg | 22.12.1974 | Melrose Dam, Johannesburg, South Africa , 26°08'S, 28°04'E (A.D.S. Hewitt). |
| | () | 08.11.1976 | Sidindi, near Eldoret, Kenya , 00°09'N, 34°23'E, 687 d, 2998 km, Z. Godia. |
| <i>Praha</i> S 88956 | fg | 30.07.1976 | Sedlec, Břeclav, Czechoslovakia , 48°47'N, 16°42'E (Vl. Hájek). |
| | + | 04.04.1977 | Kisoko (Busia), Kenya , 00°27'N, 34°17'E, 248 d, 5629 km, (Prague Ringing Office). |
| <i>Pretoria</i> AA 50534 | fg | 02.03.1975 | Avonlea, Salisbury, Zimbabwe , (at roost), 17°47'S, 31°01'E (A.J. Tree). |
| | x | 28.04.1977 | Masindi, Uganda , 1°41'N, 31°43'E, 788 d, 2164 km, R. Ojok. |
| <i>Gdańsk</i> KB 03911 | 1W | 24.07.1976 | Lake Družno, Żdźwiniec, Elbląg, Poland , 54°05'N, 19°27'E (C. Nitecki). |
| | () | 03.05.1977 | Kabula Village, Mateka (Bungoma), Kenya , 00°34'N, 34°34'E, 284 d, 6106 km, (Information Officer, Bungoma). |
| <i>J 87835</i> | ado [↑] | 30.03.1974 | Lake Nakuru, Kenya , (JFH, LMH). |
| | /?/ | 05.06.1977 | near Primorskoe, Zaporozh'ye Region, U.S.S.R. , 46°44'N, 36°23'E, 1163 d, 5230 km, (RCM). |
| <i>J 104728</i> | 1W [♂] | 05.03.1976 | Kariobangi, Nairobi, Kenya (DJP). |
| | x | 05.09.1977 | near Terek, Kabardino-Balkarian A.S.S.R., U.S.S.R. , 43°57'N, 43°07'E, 549 d, 5062 km, (RCM). |
| <i>Gdańsk</i> KA 73176 | 1W | 07.08.1977 | Okret Fish Pond, Domaniewice, Poland , 52°02'N, 19°51'E (E. Ogrodowczyk). |
| | () | 26.04.1978 | Mirilhit, Tororo, Uganda , 00°42'N, 34°12'E, 263 d, 5859 km, E.A.T.R.O., Tororo. |
| <i>J 91367</i> | fg | 30.10.1977 | Gaba, Kampala, Uganda , 0°15'N, 32°38'E, (MC). |
| | + | 00.00.1979 | Yaniköy, Findikli, Rize, Turkey , 41°17'N, 41°07'E, (>428 d), 4639 km, U. Eyuboglu. |
| <i>Helsinki</i> J 206018 | pull | 13.07.1977 | near Lieksa, Pohjois-Karjala, Finland , 63°30'N, 29°44'E (P. Seppo). |
| | () | 03.05.1979 | Kabula (Busia), Kenya , 00°27'N, 34°31'E, 660 d, 7016 km, (G.R. Cunningham-van Someren). |
| <i>London</i> KJ 96401 | 1W [♂] | 29.09.1977 | Mouth of Nestos Delta, Thraki, Greece , (at roost) 40°53'N, 24°45'E (P.J. Belman). |
| | + | 26.03.1980 | Lodwar (Turkana), Kenya , 3°06'N, 35°38'E, 909 d, 4338 km, E.F. Ongoma. |
| <i>Gdańsk</i> KC 41953 | 1W | 18.08.1979 | Okret Fish Pond, Domaniewice, Poland , 52°02'N, 19°51'E (E. Ogrodowczyk). |
| | v | 03.04.1980 | Esibembe, Mateka (Bungoma), Kenya , 00°34'N, 34°34'E, 229 d, 5882 km, V.J. Okuma. |
| <i>Budapest</i> 728292 | 1W | 12.08.1978 | Mexikó-pusztá, Győr Sopron, Hungary , 47°41'N, 16°52'E (L. Kárpáti). |
| | v | 07.04.1980 | Kabula Village, Mateka (Bungoma), Kenya , 00°34'N, 34°34'E, 604 d, 5515 km, L. Wekesa. |
| <i>J 170910</i> | fg | 14.03.1981 | Kariobangi, Nairobi, Kenya , (DJP, DEGB). |
| | + | 06.06.1981 | Kizlyarski District, Dagestanian A.S.S.R., U.S.S.R. , 43°52'N, 46°42'E, 85 d, 5108 km, (RCM). |

A good set of recoveries, but mostly of foreign-ringed birds. Movements affecting Finland, Greece and Hungary have not been recorded previously. The ringing locality of *Budapest* 728292 is less than 1 km from the Austrian border.

Luscinia luscinia Sprosser

| | | | |
|-----------------|----|------------|---|
| <i>J 135563</i> | 1W | 08.12.1978 | Ngulia Safari Lodge, Tsavo, Kenya (NRG). |
| | 0 | 20.04.1980 | Arne, Mt Hérmon, Syria , 33°15'N, 35°50'E, 499 d, 4036 km, Dr A. Abdallah. |

The second recovery of this species. The previous one, also from Ngulia, was shot only 80 km from Mt Hérmon (but in Lebanon) in April 1977.

Acrocephalus palustris Marsh Warbler

| | | | |
|-----------------|-----|------------|---|
| <i>J 76873</i> | fg | 16.12.1973 | Ngulia Safari Lodge, Tsavo, Kenya (NRG). |
| | () | 00.06.1975 | near Mekhel'ta, Dagestanian A.S.S.R., U.S.S.R. , 42°47'N 46°33'E, (540 d), 5156 km, (RCM). |
| <i>J 124731</i> | 1W | 12.12.1977 | Ngulia Safari Lodge, Tsavo, Kenya , caught at night (NRG). |
| | x | 30.05.1978 | near Karabudakhkent, Dagestanian A.S.S.R., U.S.S.R. , 42°43'N, 47°36'E, 169 d, 5167 km, (RCM). |
| <i>J 118525</i> | 1W | 03.12.1976 | Ngulia Safari Lodge, Tsavo, Kenya , caught at night (NRG). |
| | v=q | 04.06.1978 | Ostrava-Heřmanice, Ostrava, Czechoslovakia , 49°52'N, 18°20'E, 548 d, 6176 km, A. Kubenka. |
| <i>J 126086</i> | 1W | 18.12.1977 | Ngulia Safari Lodge, Tsavo, Kenya , caught at night (NRG). |
| | x | 07.07.1978 | near Leningrad, U.S.S.R. , 59°55'N, 30°25'E, 201 d, 7024 km, (RCM). |
| <i>X 0667</i> | 1W | 08.12.1975 | Ngulia Safari Lodge, Tsavo, Kenya , (NRG). |
| | + | 03.08.1978 | Sanaw, Sultanate of Oman , 22°22'N, 58°01'E, 969 d, 3545 km, Mrs M. Issac. |
| <i>Praha</i> | fg | 07.08.1977 | Ražice, Režabinec Pond, Pisek, Czechoslovakia , 49°15'N, 14°06'E (M. Strnad). |
| <i>M 615757</i> | v | 15.11.1979 | Ngulia Safari Lodge, Tsavo, Kenya ; caught at night; 831 d, 6252 km, NRG. |
| <i>Praha</i> | 1W | 30.07.1976 | Zahradky, Novozamecký Pond, Ceska Lipa, Czechoslovakia , 50°38'N, 14°32'E (Zd. Jon). |
| <i>M 707385</i> | v | 19.11.1979 | Ngulia Safari Lodge, Tsavo, Kenya ; caught at night; 1208 d, 6372 km, NRG. |

X 0667 was evidently on its way back to Africa when shot; *J 126086* was at the northern limit of the species' range. The six previous recoveries of Marsh Warblers affecting eastern Africa have been to East Germany, West Germany, Switzerland, Saudi Arabia and Malawi — all from Ngulia, while a Czech bird was controlled in Nairobi in 1971.

Sylvia atricapilla Blackcap

| | | | |
|-----------------|------------------|------------|--|
| <i>J 113058</i> | 1Wo [♂] | 31.12.1978 | Mt Kinyeti, Sudan , 3°56'N, 32°52'E (GN). |
| | v | 16.05.1980 | Ottenby, Öland, Sweden , 56°12'N 16°24'E, 501 d, 5989 km, Göran Pettersson, Ottenby fagelstation. |

The only previous recovery of this species was from western Kenya to south-western Iran in 1971.

Motacilla cinerea Grey Wagtail

| | | | |
|------------------|------|------------|---|
| <i>Moskwa</i> | pull | 07.07.1978 | Caucasus Mountains, near Sochi, U.S.S.R. , 43°45'N, 40°00'E (P.A. Tilba). |
| <i>XA 441875</i> | v | 07.11.1978 | Gilo, Imatong Mountains, Sudan , 4°01'N, 32°51'E, 123 d, 4478 km; re-ringed with <i>Nairobi J 112948</i> , GN. |

The first recovery of this species affecting eastern Africa, especially interesting in view of the small number caught here.

Motacilla flava Yellow Wagtail

| | | | |
|----------------|------------------------------|------------|---|
| <i>J 82148</i> | 1W ₀ ⁺ | 05.03.1977 | Kabete, Nairobi, Kenya , (at roost) (DEGB, DJP, JD, WPHD). |
| | + | 07.12.1977 | Atang-gwata, Gombolola Orum, Lango District, Uganda , 2°29'N, 33°23'E, 277 d, 558 km, Mr Nywala-Akech. |

Well over 6000 ringed in the last four years have yet to produce an overseas recovery. Nearly 50 000 Yellow Wagtails have been ringed in eastern Africa and 26 Kenya-ringed examples have been recovered in the U.S.S.R., Saudi Arabia, Iran, Qatar and Tanzania.

Lanius collurio Red-backed Shrike

| | | | |
|-----------------|-----|------------|---|
| <i>Budapest</i> | ad♂ | 02.05.1970 | Tiszatelek, Zemplen, Hungary , 48°11'N, 21°45'E (E. Schmidt). |
| 172721 | + | 06.04.1971 | Bagamoyo, Tanzania , 6°03'S, 38°47'E, 339 d, 6252 km, (Newspaper report and Hungarian Ringing Office). |

Lanius isabellinus Red-tailed Shrike

| | | | |
|----------------|-----|------------|---|
| <i>A 27566</i> | ad♂ | 26.11.1976 | Ngulia Safari Lodge, Tsavo, Kenya (NRG). |
| | + | 13.04.1979 | 15 km north of Kuwait City, Kuwait , 29°25'N, 48°00'E, 868 d, 3750 km, T. Abbas. |

The one previous recovery of this species was also to Kuwait, in April 1977.

KEY TO INITIALS IN THE LIST OF RECOVERIES

| | | | |
|-------|--|-----|------------------------------------|
| DEGB | D.E.G. Backhurst | JFH | J. F. Harper* |
| GCB | G. C. Backhurst | LMH | L. M. Harper* |
| MC | M. Carswell (Uganda) | RCM | Ringing Centre, Moscow |
| JD | J. Dirks | GN | G. Nikolaus & M. Raguschat (Sudan) |
| WPHD | W. P. H. Duffus* | DJP | D. J. Pearson |
| AMF-W | A.M. Forbes-Watson | JGR | J. G. Rolfe* |
| NRG | 'Ngulia Ringing Group', consisting of GCB and DJP plus DEGB, H. A. Britton*, P. L. Britton*, AMF-W, GN and JD. | | |

OTHER RINGERS IN EASTERN AFRICA NOT MENTIONED ABOVE

D. Angwin, A.L. Archer, L. Campbell, N. Baker, J.A.D. Cape*, D. Cole, M.A.C. Coverdale, G.R. Cunningham-van Someren, A.W. Diamond*, J. Dittami, C. Fayad, V.C. Fayad, F.B. Gill, V. Haas, R.M. Holman (Sudan), D. Ligon, C. Miller, F. Ng'weno, U. Reyer*, J.F. Reynolds*, S.N. Stuart (Tanzania), P.B. Taylor, S.J. Tyler* (Tanzania).

Ringers marked with an asterisk have left eastern Africa.

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